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RAW SEQUENCE LISTING   DATE: 05/01/2002
PATENT APPLICATION: US/09/965,738A   TIME: 12:50:01

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Output Set: N:\CRF3\05012002\I965738A.raw

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Diagnostic and
    6           Therapeutic Interventions
    8 <130> FILE REFERENCE: 40715-258841
   10 <140> CURRENT APPLICATION NUMBER: US 09/965,738A
   11 <141> CURRENT FILING DATE: 2001-09-27
   13 <150> PRIOR APPLICATION NUMBER: US 60/284,175
   14 <151> PRIOR FILING DATE: 2001-04-17
   16 <160> NUMBER OF SEQ ID NOS: 308
   18 <170> SOFTWARE: PatentIn version 3.1
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   21 <211> LENGTH: 13
   22 <212> TYPE: PRT
   23 <213> ORGANISM: Homo sapiens
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   67 <213> ORGANISM: Homo sapiens
   69 <220> FEATURE:
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RAW SEQUENCE LISTING
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78 1               5                   10                  15
80 ggt ctg ctc agg cct gtg ttc aag aac acc agt gtt ggc cct ctg tac      96
81 Gly Leu Leu Arg Pro Val Phe Lys Asn Thr Ser Val Gly Pro Leu Tyr
82             20                  25                  30
84 tct ggc tgc aga ctg acc ttg ctc agg ccc aag aag gat ggg gca gcc     144
85 Ser Gly Cys Arg Leu Thr Leu Leu Arg Pro Lys Lys Asp Gly Ala Ala
86         35                  40                  45
88 acc aaa gtg gat gcc atc tgc acc tac cgc cct gat ccc aaa agc cct     192
89 Thr Lys Val Asp Ala Ile Cys Thr Tyr Arg Pro Asp Pro Lys Ser Pro
90     50                  55                  60
92 gga ctg gac aga gag cag cta tac tgg gag ctg agc cag ggt gat gca     240
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94 65                  70                  75                  80
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109             20                  25                  30
112 Ser Gly Cys Arg Leu Thr Leu Leu Arg Pro Lys Lys Asp Gly Ala Ala
113         35                  40                  45
116 Thr Lys Val Asp Ala Ile Cys Thr Tyr Arg Pro Asp Pro Lys Ser Pro
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191 Lys Asp Gly Thr Ala Thr Gly Val Asp Ala Ile Cys Thr His His Pro
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195 Asp Pro Lys Ser Pro Arg Leu Asp Arg Glu Gln Leu Tyr Trp Glu Leu
196         50                  55                  60
199 Ser Gln Leu Thr His Asn Ile Thr Glu Leu Gly Pro Tyr Ala Leu Asp
200 65                  70                  75                  80
203 Asn Asp Ser Leu Phe Val Asn Gly Phe Thr His Arg Ser Ser Val Ser
204                 85                  90                  95
207 Thr Thr Ser Thr Pro Gly Thr Pro Thr Val Tyr Leu Gly Ala Ser Lys
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242 Ser Gln Leu Thr His Gly Ile Thr Glu Leu Gly Pro Tyr Thr Leu Asp
243 65              70              75              80
246 Arg His Ser Leu Tyr Val Asn Gly Phe Thr His Gln Ser Ser Met Thr
247              85              90              95
250 Thr Thr Arg Thr Pro Asp Thr Ser Thr Met His Leu Ala Thr Ser Arg
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277 Lys Asp Gly Ala Ala Thr Gly Val Asp Ala Ile Cys Ile His Arg Leu
278          35              40              45
281 Asp Pro Lys Ser Pro Gly Leu Asn Arg Glu Gln Leu Tyr Trp Glu Leu
282      50              55              60
285 Ser Lys Leu Thr Asn Asp Ile Glu Glu Leu Gly Pro Tyr Thr Leu Asp
286 65              70              75              80
289 Arg Asn Ser Leu Tyr Val Asn Gly Phe Thr His Gln Ser Ser Val Ser
290              85              90              95
293 Thr Thr Ser Thr Pro Gly Thr Ser Thr Val Asp Leu Arg Thr Ser Gly
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317          20              25              30
320 Lys Asn Gly Ala Ala Thr Gly Met Asp Ala Ile Cys Ser His Arg Leu
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RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/965,738A**

Input Set : **A:\EP.txt**
Output Set: **N:\CRF3\05012002\I965738A.raw**

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328 Ser Gln Leu Thr His Gly Ile Lys Glu Leu Gly Pro Tyr Thr Leu Asp
329 65                  70                  75                  80
332 Arg Asn Ser Leu Tyr Val Asn Gly Phe Thr His Arg Ser Ser Val Ala
333             85                  90                  95
336 Pro Thr Ser Thr Pro Gly Thr Ser Thr Val Asp Leu Gly Thr Ser Gly
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360             20                  25                  30
363 Lys Asp Gly Ala Ala Thr Gly Val Asp Ala Ile Cys Thr His His Leu
364             35                  40                  45
367 Asn Pro Gln Ser Pro Gly Leu Asp Arg Glu Gln Leu Tyr Trp Gln Leu
368     50                  55                  60
371 Ser Gln Met Thr Asn Gly Ile Lys Glu Leu Gly Pro Tyr Thr Leu Asp
372 65                  70                  75                  80
375 Arg Asn Ser Leu Tyr Val Asn Gly Phe Thr His Arg Ser Ser Gly Leu
376             85                  90                  95
379 Thr Thr Ser Thr Pro Trp Thr Ser Thr Val Asp Leu Gly Thr Ser Gly
380             100                 105                 110
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403             20                  25                  30
406 Lys His Gly Ala Ala Thr Gly Val Asp Ala Ile Cys Thr Leu Arg Leu
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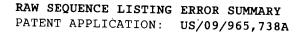
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Input Set : **A:\EP.txt**
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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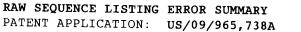
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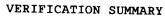
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Input Set : A:\EP.txt
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L:2942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:192
L:2946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:208
L:2950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:224
L:4931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:656
L:4935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:672
L:4939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:688
L:7001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
L:7003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:60
L:7005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:120
L:7153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:240
L:7155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:300
L:7157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:360
L:7159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:420
L:7266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0
L:7268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:60
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L:7366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:60
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L:7510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:60
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L:7564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:120
L:7566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:180
L:7568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:240
L:7570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:300
L:7603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:420
L:7626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:240
L:7628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:300
L:7630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:360
L:7632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:420
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L:7713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:420
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L:7813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:300
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L:7836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:120
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L:7840 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:240
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